

S/N unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: NOBUHARA et al. Serial No.: unknown  
Filed: concurrent herewith Docket No.: 13409.3US01  
Title: FILTER CARTRIDGE AND PROCESS FOR PRODUCING THE SAME

CERTIFICATE UNDER 37 CFR 1.10

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By: Yolanda Gray  
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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

In connection with the above-identified application filed herewith, please enter the following preliminary amendment:

IN THE CLAIMS

Please amend claims 5-11 and 13-15 as follows:

5. The filter cartridge as claimed in claim 1, wherein at least a part of fiber intersections of the non-woven fabric strip is thermally bonded.
6. The filter cartridge as claimed in claim 1, wherein the non-woven fabric strip has a width of 0.5 to 40 cm.
7. The filter cartridge as claimed in claim 1, wherein a product of a width (cm) and a basis weight (gim<sup>2</sup>) of the non-woven fabric strip is 10 to 200.
8. The filter cartridge as claimed in claim 1, wherein the non-woven fabric strip has a thickness of 0.02 to 1.20 mm.
9. The filter cartridge as claimed in claim 1, wherein the non-woven fabric strip is thermal compression bonded by means of a heat embossing roll having an embossing area rate of 5 to 25%.

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